

# HELICOBACTER PYLORI

## Fully automated solution for stool antigen detection

### HELICOBACTER PYLORI Ag VIRCLIA® MONOTEST

Sandwich chemiluminescent immunoassay (CLIA) for the detection of *Helicobacter pylori* antigen in human stool samples.

- Flexible and fully automated solution.
- Fast and easy pre-analytical treatment, without centrifugation, using VIRCLIA® EXTRACTION TUBE (ref.VCET001).
- Simple protocol with results in 1 hour.
- On-demand testing, 1 monotest = 1 reported test.
- Method based upon antigen capture using monoclonal antibodies.
- Individual quality control per monotest, no need for additional controls or calibrations.
- Objective method with excellent diagnostic sensitivity and specificity.



VirClia® MONOTEST - 24 tests

VirClia® Lotus

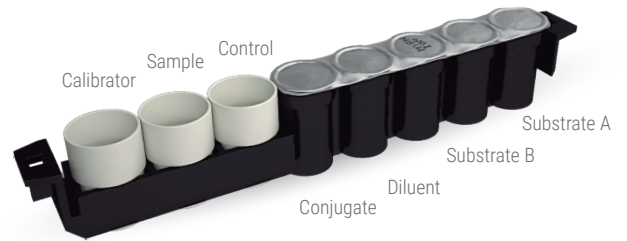
# Helicobacter pylori

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### THE MONOTEST CONCEPT

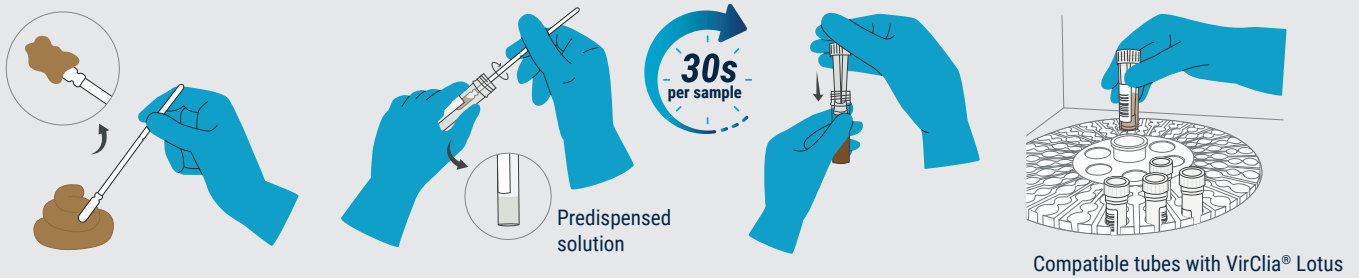
*Helicobacter pylori* is a bacterium found in the gastric mucosa of the human stomach and is associated with various digestive diseases. Infection with *H. pylori* is a well-established cause of gastric and duodenal ulcers, as well as a risk factor for gastric carcinoma and lymphoma. The detection of *H. pylori* antigen in stool is a reliable method used to aid in the diagnosis of infections in untreated patients.

Vircell has developed an innovative, fully automated single-test format for detecting *H. pylori* antigen in stool samples. This test simplifies sample preparation by eliminating the need for centrifugation, using a tube with a built-in filter instead.



### FAST AND EASY PRE-ANALYTICAL PROTOCOL

VIRCLIA® EXTRACTION TUBE (ref.VCET001) provides sampling swabs, pre-dispensed tubes with extraction solution and special filters for fast sample preparation.



### COMPARATIVE PERFORMANCE

HELICOBACTER PYLORI Ag VIRCLIA® MONOTEST has been evaluated against a commercial ELISA, providing a high level of sensitivity and specificity.

HELICOBACTER PYLORI Ag VIRCLIA® MONOTEST is a compatible test with VirClia®, the broadest solution for infectious diseases in CLIA monotest format.

#### > Performance versus commercial ELISA

	Sensitivity	Especificidad	No. of samples
VIRCLIA®	96.63%	97.50%	n= 169

### ORDERING INFORMATION AND RELATED PRODUCTS

Description	Cat. No.	Content
HELICOBACTER PYLORI Ag VIRCLIA® MONOTEST <b>NEW</b>	VCM103	24 tests <b>CE</b> <sub>0123</sub>
VIRCLIA® EXTRACTION TUBE <b>NEW</b>	VCET001	26 tests
VIRCLIA® EXTRACTION SOLUTION <b>NEW</b>	VCES001	26 tests
HELICOBACTER PYLORI VIRCLIA® IgA MONOTEST	VCM029	24 tests <b>CE</b>
HELICOBACTER PYLORI VIRCLIA® IgG MONOTEST	VCM030	24 tests <b>CE</b>

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